Listing and Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) A method for processing a voice call over an iInternet <u>by an Internet telephone having an Internet interface device and a wireless device, the method</u> comprising the steps of:

receiving<u>, by the Internet interface device,</u> a signal from a cable network, the signal representing iInternet protocol data packets of the voice call and being both modulated in a first format and compressed to match a format of the cable network;

demodulating<u>, by the Internet interface device,</u> the signal modulated in the first format;

decompressing<u>, by the Internet interface device,</u> the <u>demodulated</u> signal;

compressing<u>, by the Internet interface device,</u> the <u>decompressed</u> signal into a format of a home environment;

modulating<u>, by the Internet interface device,</u> the compressed signal into a second format;

wirelessly transmitting<u>, by the Internet interface device,</u> the signal ~~compressed in the format of the home environment and~~ modulated in the second format to ~~a~~ <u>the</u> wireless device; and

demodulating and decompressing the signal <u>modulated in the second format</u> in the wireless device.

2. (original) The method of claim 1, wherein the first format is H.323 compliant.

2

1   3. (original) The method of claim 1, wherein the first format comprises a same

2 modulation scheme as the second format.

1   4. (original) The method of claim 1, wherein the first format comprises a different

2 modulation scheme as the second format.

1   5. (currently amended) A system An Internet telephone for processing a voice

2 call over an iInternet, comprising:

3   means for receiving, demodulating and decompressing a signal representing

4 iInternet protocol data packets of the voice call, the signal being received from a cable

5 network, modulated in a first format and compressed in a format of the cable network;

6   means for modulating the signal into a second format and compressing the

7 signal into a format of a home environment for wireless transmission of the modulated

8 and compressed signal; and

9   a wireless device including means for demodulating and decompressing the

10 signal for completion of the voice call.

1   6. (currently amended) The Internet phone system of claim 5, wherein the first

2 format is H.323 compliant.

1   7. (currently amended) The Internet phone system of claim 5, wherein the first

2 format comprises a same modulation scheme as the second format.

1   8. (currently amended) The Internet phone method of claim 5 1, wherein the first

2 format comprises a different modulation scheme as the second format.